

## PATENT COOPERATION TREA

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 03-050-F	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, Item 5 below.	
International application No. PCT/US2005/012180	International filing date (day/month/year) 11/04/2005	(Earliest) Priority Date (day/month/year) 12/04/2004
Applicant  NNT, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II)

3. ☐ **Unity of invention is lacking** (see Box III)

**4. With regard to the title,**

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

VEHICLE INFORMATION SYSTEM

**5. With regard to the abstract,**

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

**6. With regard to the drawings,**

- a. the figure of the **drawings** to be published with the abstract is Figure No. 3

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International application No

PCT/US2005/012180

### Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A vehicle information system including a computing system, a vehicle application (304), an access-layer application (308), a vehicle-application database (310), and a communication adapter is provided. The computing system may run an operating system and a plurality of applications. The vehicle application, which is executable by the computing system, may provide policy processing of a parameter received from the access-layer application. The access-layer application has a first interface (312) adapted to communicate with the vehicle application and a second interface (314) adapted to communicate with the operating system. The vehicle-application database may house information for processing the parameter. The communication adapter may pass the at least one parameter between the second interface and the vehicle controller. The access-layer application is operable to obtain the information from the vehicle-application database, and to process the parameter as a function of the information so as to pass the processed parameter between the first and second interfaces.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2005/012180

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G07C5/00 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G07C H04L G06F G08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	WO 03/077205 A (NNT, INC; KAPOLKA, MICHAEL; CHANG, SAM; CRULL, BRIAN; DITCHFIELD, ANDR) 18 September 2003 (2003-09-18) abstract page 3, paragraph 21 - page 9, paragraph 38; figures 1,2 page 11, paragraph 48 - page 12, paragraph 48	1,4-6,8, 9,11,14, 15,17-20
A	US 5 732 074 A (SPAUR ET AL) 24 March 1998 (1998-03-24) column 5, line 41 - column 10, line 64; figures 1,2 ----- -/--	1,9-11, 18-20

☒ Further documents are listed in the continuation of box C☒ Patent family members are listed in annex

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*Z\* document member of the same patent family

Date of the actual completion of the international search

28 June 2005

Date of mailing of the international search report

06/07/2005

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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/012180

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document with indication, where appropriate, of the relevant passages	Relevant to claim No
A	DE 102 54 284 A1 (ROBERT BOSCH GMBH) 8 January 2004 (2004-01-08) abstract paragraph '0013! - paragraph '0016!; figure 1 paragraph '0018! - paragraph '0021!; figure 2 -----	1,11,19
A	WO 01/55690 A (INFOMOVE, INC) 2 August 2001 (2001-08-02) page 4, line 6 - page 6, line 34; figures 1,2 -----	1,11,19
P,X	US 2005/065678 A1 (SMITH ANDREW ET AL) 24 March 2005 (2005-03-24)  paragraph '0120! - paragraph '0205!; figures 3-7 -----	1,4, 8-11, 17-20

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/012180

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03077205	A	18-09-2003	US 2004138790 A1	15-07-2004
			AU 2003224647 A1	22-09-2003
			CA 2478176 A1	18-09-2003
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			WO 0217184 A1	28-02-2002
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